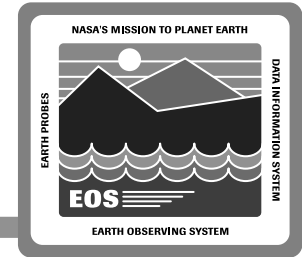


EOC Facilities

Rick Hudson

13 December 1994

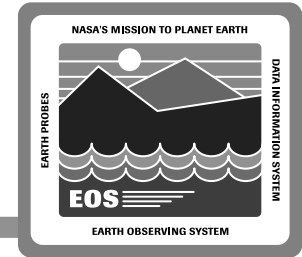
EOC Facilities



EOS Operations Center (EOC)

- **Located in the EOSDIS Facility (Building 32) at NASA GSFC**
- **Host All Flight Operations Team (FOT) Functions**
 - **Scheduling, real time operation, post contact analysis, and launch support**
- **Infrastructure In Place to Fulfill Initial FOS Test Requirements**
 - **External interface testing starting summer '96**
 - **AM-1 spacecraft testing starting 11/96**
- **FOT Staff Will Start Occupying Building 32 Early in FY97**
- **Capability to Perform Planning & Scheduling and Off-Line Analysis function in the Office Area**

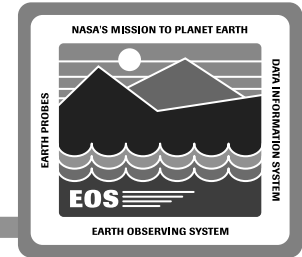
EOC Facilities (cont.)



Building 32 2nd Floor Layout with EOC Areas Labeled

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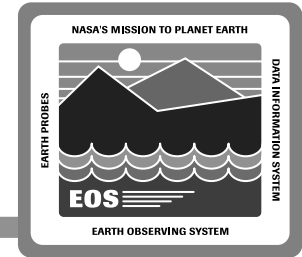
EOC Facilities (cont.)



EOC Consists of the Following Facilities

- **Mission Operations Area (A)**
 - Real-time support for AM-1 and future missions
- **Launch Support / Test Room (B)**
 - Spacecraft manufacturer and system testing
- **Hardware Equipment Room (C)**
 - Data storage units, servers, and RAID hardware
- **Simulator & Sustaining Engineering Room (D)**
 - Spacecraft simulator, ETS, and ECS sustaining engineering
- **Mission Analysis Room (E)**
 - Off-line (spacecraft engineering and scheduling) support
- **Mission Planning Room (F)**
 - Mission Planning, Training, and Conference

EOC Facilities (cont.)



Preliminary Rendering of EOC Raised Floor Area

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